

# SESN3 Rabbit Polyclonal Antibody



CAB5164

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

50kDa

### Calculated MW:

36kDa/41kDa/57kDa

### Applications:

WB

### Reactivity:

Human

## Protein Background

This gene encodes a member of the sestrin family of stress-induced proteins. The encoded protein reduces the levels of intracellular reactive oxygen species induced by activated Ras downstream of RAC-alpha serine/threonine-protein kinase (Akt) and FoxO transcription factor. The protein is required for normal regulation of blood glucose, insulin resistance and plays a role in lipid storage in obesity. Alternative splicing results in multiple transcript variants.

## Immunogen information

### Gene ID:

143686

### Uniprot

P58005

### Synonyms:

SESN3; SEST3; sestrin-3

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

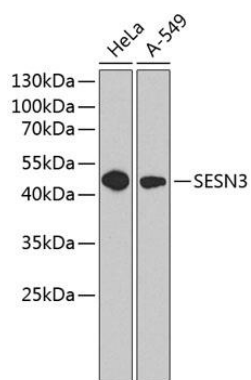
Recombinant fusion protein containing a sequence corresponding to amino acids 1-310 of human SESN3 (NP\_653266.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using SESN3 antibody (CAB5164) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.